

# ISU ALGEBRA SEMINAR



## FALL 2017 SCHEDULE

Thursdays, 12:00 PM-12:50 PM in Williams Hall, room 21

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**September 21, 2017**

**Speaker: Lucian Ionescu**

**Talk title: Constructible numbers and periods (Part I)**

**Abstract:** Constructible numbers are important not only in Greek Geometry and Number Theory (local-to-global principle), but also in Quantum Physics! Intrigued by the relation with groups of units, thanks to Sunil, we will consider some related facts regarding cyclotomic numbers and the Group Ring / Group of Units adjunction. The relation with Periods will be addressed in Part II of the talk.